

Project Purpose

To build an automated regression test framework where scripts load FPGA images in Endace hardware, run tests, collect results and summarise them in a human readable fashion augmenting the Endace's current regression framework.

Key Responsibilities

Technical

- Work with a project manager to define functionality, scope milestones and interact with other teams within the business
- Undertake a preliminary review of the scripts available within the business
- Review the options available and confirm a specification that best fits the requirements
- Design and implement the automated regression test framework
- Test the framework to ensure it functions without error
- Produce the defined end user results and present these in a simple and easy to read/interpret format
- Prepare documentation to support the project including, review, analysis of data, and end report

Organization

- Complete administrative tasks in an accurate and timely manner
- Comply with and ensure safe working practices of self and others in accordance with Health and Safety Procedures
- Observe and comply with developing policies procedures, strategy and quality management systems
- Positively support effective communication, provide constructive feedback
- Support and promote Endace's overall organizational vision, values and culture
- Assist with the selection of approaches, methods and/or services as required
- Any other reasonable duties as required

Competency Profile

Technical

- A specialisation in Computer Science, Software Development/Engineering
- Good Python skills
- Familiarity with both Windows and Linux
- Basic knowledge of FPGAs and VHDL is not required but of advantage

Core

Interpersonal Skills	Understands the attitudes, interests, needs and perspectives of others. Listens carefully and non-defensively to various points of view whether or not they agree with these.
Achievement Drive and Energy	A drive for success and persevere results. Is action oriented and pursues things with energy and drive. Dedicated, committed, enthusiastic, positive and motivated.
Planning, Organising and Prioritising	Undertake set work plans that have localised impact. Keeps a view of department priorities.
Communication Skills	Able to communicate logically, clearly, effectively and confidently at all levels.

Listens intently and ensures other party feels they have been heard and understood.

Tolerance to Ambiguity

Is able to draw together conclusions from incomplete evidence and data seeking guidance if required.

Date:	July 2020	Project:	Automated Regression Test Framework
Title:	Engineering Intern	Level:	Intern
Position Reference:	2020/2021 Internships	Employment Status:	Fixed Term
Department:	Hardware, Engineering	Hours:	Fulltime
Physical Location:	Hamilton	Budget Level:	NA
Responsible to:	Project Manager	Team Leadership:	Nil